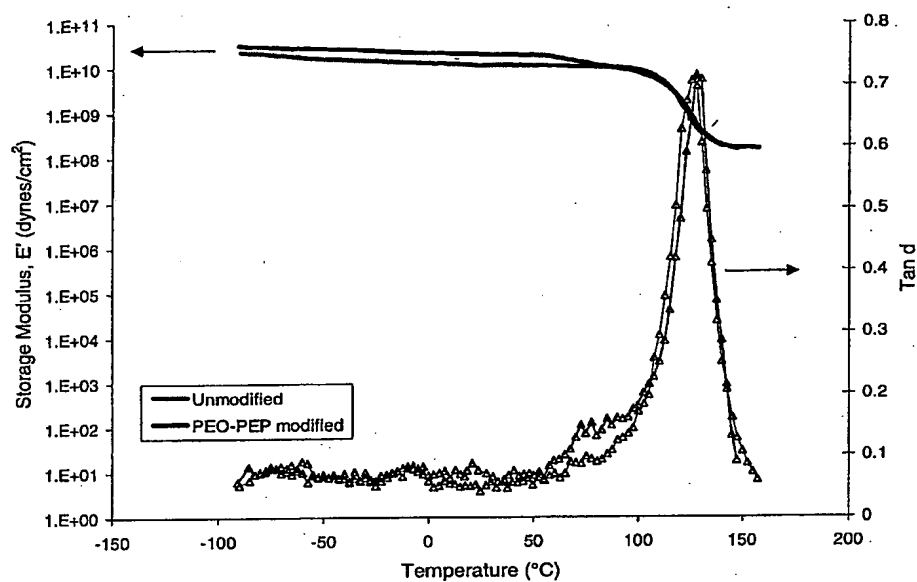
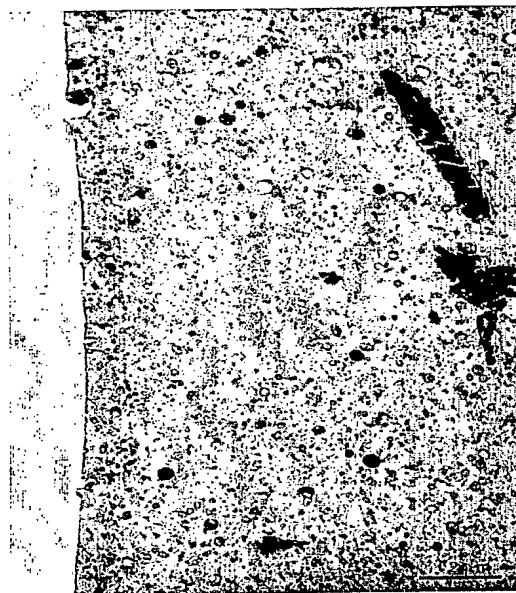


**Figure 1:** Transmission electron micrographs (TEMs) of well-dispersed nano-structure morphology in DERAKANE 411-350. (a) 2.5 wt.% loading of PEO-PEP and (b) 5 wt.% loading



**Figure 2:** Viscoelastic response for UV cured Epoxy Acrylate films with and without PEO-PEP block copolymer modifier.  $T_g$  remains unchanged while modulus at 25°C drops by 40%.



**Figure 3:** Transmission electron micrograph indicating the presence of nano-scaled architecture in cured Epoxy acrylate films. The presence of voids are also noted and exist in all powder coating applications. The black, high aspect ratio section to the right indicate the presence of filler.